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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Kazunori Ozawa

Serial No. 09/302,397

Filed April 30, 1999

For SPEECH CODING APPARATUS AND  
SPEECH DECODING APPARATUS

Group Art Unit 2654

Examiner Angela A. Armstrong

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT UNDER 37 C.F.R. §1.111

Sir:

In response to the Office Action mailed April 2, 2002, please amend the  
above-identified patent application as follows:

In the Specification:

Please amend the specification as follows. A clean copy of the amended  
paragraphs is attached.

Please amend the paragraph beginning on page 2, line 22, and continuing  
to page 3, line 3, as follows:

*Sub C1/*  
*BT*

This arises from the fact that, in the methods in references 1 and 2, in order  
to select a sound source code ~~vector~~, ~~filtering~~ or convolution calculation is  
performed once for each code [vectors] ~~vector~~, and such calculation is repeated by  
a number of times equal to the number of code vectors stored in the codebook.